

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/590, 648
Source: IFW0
Date Processed by STIC: 09/06/2006

ENTERED



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/590,648

DATE: 09/06/2006
TIME: 10:16:48

Input Set : A:\PLOUG26.002APC.TXT
Output Set: N:\CRF4\09062006\J590648.raw

```

4 <110> APPLICANT: Jensen, Gert Bolander
5     Thomsen, Lars
6     Veltman, Oene Robert
8 <120> TITLE OF INVENTION: METHOD, KIT AND SYSTEM FOR ENHANCED
9     NESTED PCR
11 <130> FILE REFERENCE: PLOUG26.002APC
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/590,648
C--> 13 <141> CURRENT FILING DATE: 2006-08-23
13 <150> PRIOR APPLICATION NUMBER: PCT/DK2005/000131
14 <151> PRIOR FILING DATE: 2005-02-25
16 <150> PRIOR APPLICATION NUMBER: DK PA 2004 00304
17 <151> PRIOR FILING DATE: 2004-02-26
19 <160> NUMBER OF SEQ ID NOS: 14
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 20
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Artificial oligonucleotide primer
31 <400> SEQUENCE: 1
32 ggcgaaacat gacgaaaaac
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 25
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Artificial oligonucleotide primer
42 <400> SEQUENCE: 2
43 cctcgttatg tagcaatcgt attac
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 17
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Artificial oligonucleotide primer
53 <400> SEQUENCE: 3
54 ttacgtgacg tcccatc
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 17
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:

```

20

25

17

RAW SEQUENCE LISTING DATE: 09/06/2006
 PATENT APPLICATION: US/10/590,648 TIME: 10:16:48

Input Set : A:\PLOUG26.002APC.TXT
 Output Set: N:\CRF4\09062006\J590648.raw

```

62 <223> OTHER INFORMATION: Artificial oligonucleotide primer
64 <400> SEQUENCE: 4
65 tgcgacatgg gtacaac 17
67 <210> SEQ ID NO: 5
68 <211> LENGTH: 23
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <221> NAME/KEY: misc_feature
74 <222> LOCATION: 1
75 <223> OTHER INFORMATION: FAM
77 <220> FEATURE:
78 <221> NAME/KEY: misc_feature
79 <222> LOCATION: 23
80 <223> OTHER INFORMATION: BHQ
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Artificial oligonucleotide probe
85 <400> SEQUENCE: 5
W--> 86 ncaaccatcg tcatcgtaaa ttn 23
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 28
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Artificial oligonucleotide primer
96 <400> SEQUENCE: 6
97 aaaaggtaac aaattactta gttgatgg 28
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 27
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Artificial oligonucleotide primer
107 <400> SEQUENCE: 7
108 cgaagttaaa ttactccctt cttcctt 27
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 20
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Artificial oligonucleotide primer
118 <400> SEQUENCE: 8
119 gggttatatg ttccagaatc 20
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 22
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Artificial oligonucleotide primer

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/590,648

DATE: 09/06/2006

TIME: 10:16:48

Input Set : A:\PLOUG26.002APC.TXT

Output Set: N:\CRF4\09062006\J590648.raw

129 <400> SEQUENCE: 9
 130 gtaactaaat cagattggtt ct 22
 132 <210> SEQ ID NO: 10
 133 <211> LENGTH: 28
 134 <212> TYPE: DNA
 135 <213> ORGANISM: Artificial Sequence
 137 <220> FEATURE:
 138 <221> NAME/KEY: misc_feature
 139 <222> LOCATION: 1
 140 <223> OTHER INFORMATION: FAM
 142 <220> FEATURE:
 143 <221> NAME/KEY: misc_feature
 144 <222> LOCATION: 28
 145 <223> OTHER INFORMATION: BHQ
 147 <220> FEATURE:
 148 <223> OTHER INFORMATION: Artificial oligonucleotide probe
 150 <400> SEQUENCE: 10
 W--> 151 ngaccttcaa aaggtaga attaaggm 28
 153 <210> SEQ ID NO: 11
 154 <211> LENGTH: 25
 155 <212> TYPE: DNA
 156 <213> ORGANISM: Artificial Sequence
 158 <220> FEATURE:
 159 <223> OTHER INFORMATION: Artificial oligonucleotide primer
 161 <400> SEQUENCE: 11
 162 aatatcaata accttacagc aaccc 25
 164 <210> SEQ ID NO: 12
 165 <211> LENGTH: 23
 166 <212> TYPE: DNA
 167 <213> ORGANISM: Artificial Sequence
 169 <220> FEATURE:
 170 <223> OTHER INFORMATION: Artificial oligonucleotide primer
 172 <400> SEQUENCE: 12
 173 atgcattaaac ctaaaggctt ctg 23
 175 <210> SEQ ID NO: 13
 176 <211> LENGTH: 17
 177 <212> TYPE: DNA
 178 <213> ORGANISM: Artificial Sequence
 180 <220> FEATURE:
 181 <223> OTHER INFORMATION: Artificial oligonucleotide probe
 183 <400> SEQUENCE: 13
 184 ccatcgcat cgtcaat 17
 186 <210> SEQ ID NO: 14
 187 <211> LENGTH: 21
 188 <212> TYPE: DNA
 189 <213> ORGANISM: Artificial Sequence
 191 <220> FEATURE:
 192 <223> OTHER INFORMATION: Artificial oligonucleotide probe
 194 <400> SEQUENCE: 14

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/590,648

DATE: 09/06/2006
TIME: 10:16:48

Input Set : A:\PLOUG26.002APC.TXT
Output Set: N:\CRF4\09062006\J590648.raw

195 tcaaaaggtagaatttaag g

21

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/590,648

DATE: 09/06/2006
TIME: 10:16:49

Input Set : A:\PLOUG26.002APC.TXT
Output Set: N:\CRF4\09062006\J590648.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; N Pos. 1,23
Seq#:10; N Pos. 1,28

VERIFICATION SUMMARY DATE: 09/06/2006
PATENT APPLICATION: US/10/590,648 TIME: 10:16:49

Input Set : A:\PLOUG26.002APC.TXT
Output Set: N:\CRF4\09062006\J590648.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0